



U.S.NRC

United States Nuclear Regulatory Commission

Protecting People and the Environment

**Public Scoping Meeting
Comanche Peak Nuclear Power Plant
Units 3 and 4
Combined License Application**

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Division of Site and Environmental Reviews

January 6, 2009



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Purposes of the meeting

- Solicit input to the environmental scoping process
- Explain the National Environmental Policy Act (NEPA) process during the review of a combined license application
- Discuss schedule of environmental review
- Describe how you can participate in the regulatory process

Overview

- Licensing Process
- Environmental Review
- Hearings
- Public Involvement

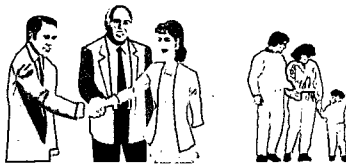
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Participants in NRC Licensing Process



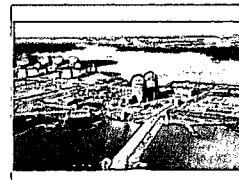
NRC

- Commissioners
- Staff members
- Hearing Boards
- Advisory Committee on Reactor Safeguards



Stakeholders

- Residents of the community
- Public interest groups
- Other federal agencies
- State entities
- Local officials
- Tribal officials and others



License Applicant

- Luminant Generation Company LLC

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Relevant Laws & Regulations

The NRC regulates civilian uses of nuclear materials in order to protect the public health and safety and the environment

National Environmental Policy Act (NEPA)

Atomic Energy Act

Other laws and regulations

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Combined License (COL)

Authorization from the NRC to construct and operate nuclear power plants at a specific site and in accordance with laws and regulations

Luminant Generation Company LLC submitted an application for a combined license for Comanche Peak Nuclear Power Plant, Units 3 & 4 on September 19, 2008

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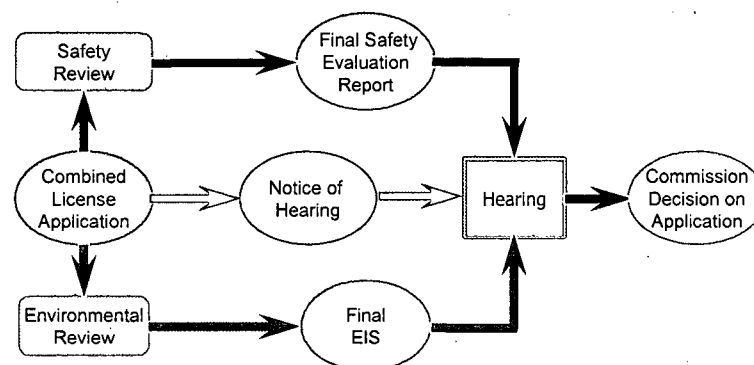
Comanche Peak COL and Design Reviews

Design – Mitsubishi Heavy Industries (MHI) U.S. Advanced Pressurized Water Reactor (US-APWR), which is under review

Site Specific Safety Review of the US-APWR Design Located at Comanche Peak

Environmental Review of Impacts of Units 3 and 4 at the Comanche Peak Site, Adjacent to Units 1 and 2

Combined License Application Review Process



NRC Safety Review

- Design of facility
- Site suitability (safety)
- Quality assurance
- Physical security (with DHS)
- Emergency preparedness (with FEMA)
- Operator training

National Environmental Policy Act

- NEPA requires Federal agencies to use a systematic approach to consider environmental impacts
- An Environmental Impact Statement (EIS) is required for major Federal actions that may significantly affect the quality of the human environment
- Issuing a combined license is considered a major Federal action under NEPA

NRC Environmental Review

Evaluate environmental impacts of construction and operation of a nuclear facility at the Comanche Peak site

Informed and systematic decision making

- 10 CFR Part 51 – NRC's regulations for implementing NEPA
- NUREG-1555, "Environmental Standard Review Plan" provides review guidance

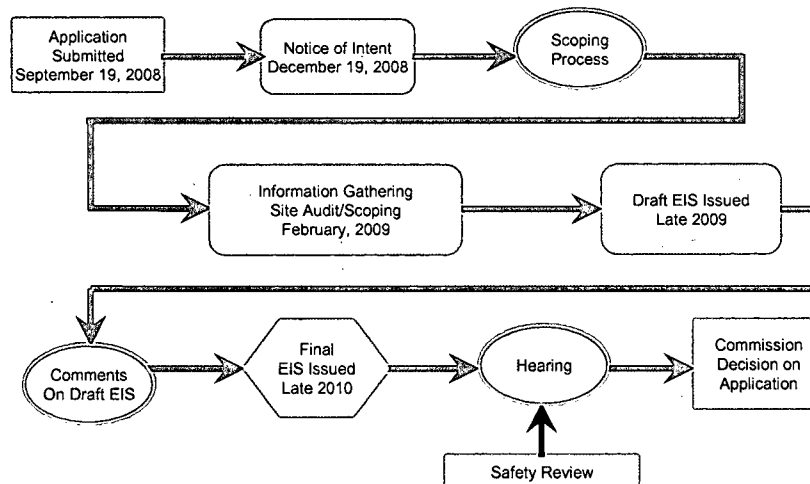
Provide for public involvement –

- Scoping comment period: December 19, 2008 – February 17, 2009
- Draft EIS comment period: November 2009 – February 2010

Clearly document our environmental findings

Maintain an open and transparent review process

Environmental Review Process



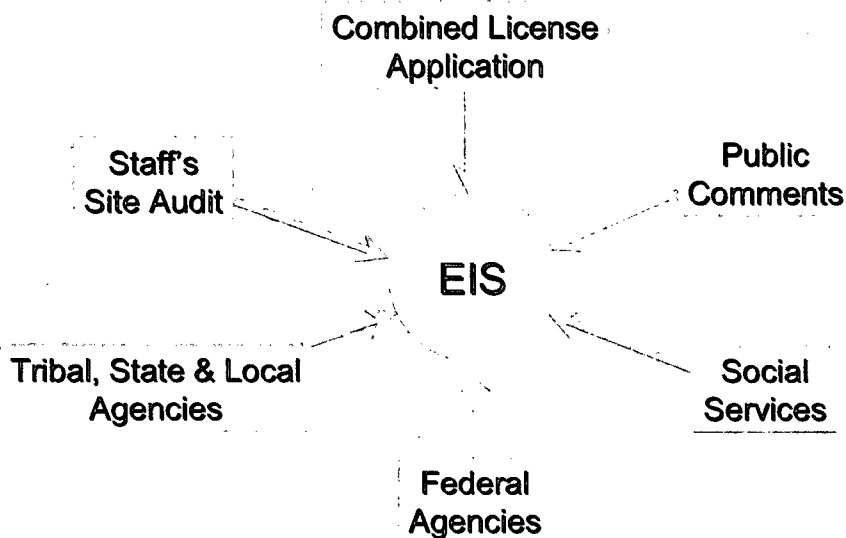
Environmental Scoping

- This process helps determine the scope of the review

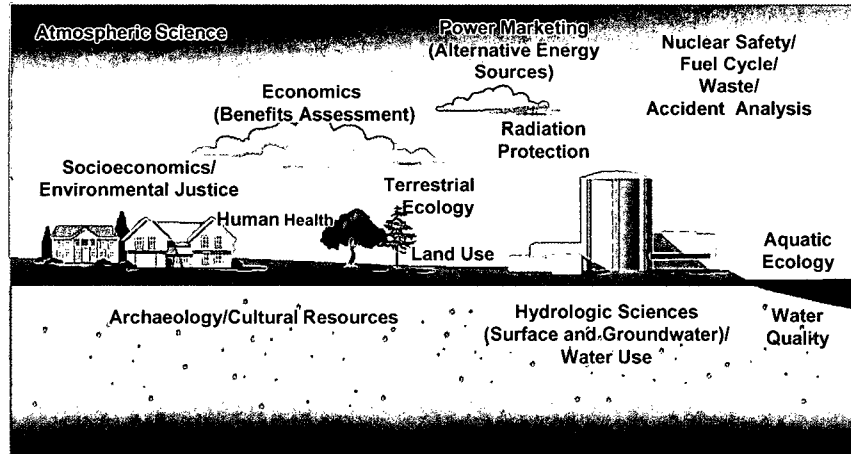
Comments during the scoping period can be provided through February 17, 2009

Scoping Summary Report will provide responses to comments received
(June 2009)

Information Gathering



Environmental Review Team Expertise



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Environmental Review

- Review of the Environmental Report started
- Site environmental audit scheduled
- Scoping period in progress
 - Notice of Intent published December 19, 2008
 - Comment period ends February 17, 2009
- Issue Draft EIS ~ 2009
- Public Meeting on Draft EIS ~ 2009
- Issue Final EIS ~ 2010

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Environmental Scoping Comments

Provide Scoping Comments

- By mail: Chief, Rules and Directives Branch
Division of Administrative Services
Mailstop TWB-05-B01
U.S. Nuclear Regulatory Commission
Washington, DC 20555-0001
- E-mail: Comanche.COLEIS@nrc.gov

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Hearing

Petition to intervene

- Deadline to file is **60 days** from Federal Register Notice of Hearing publication
- Petition to Intervene Information: 10 CFR 2.309

Instructions for e-filing will be in the hearing notice and at www.nrc.gov/site-help/e-submittals.html

E-filing **Help Desk** Phone Number **1-866-672-7640**

Digital certificate is required

Allow 10 business days for obtaining the digital certificate

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Public Involvement

- **Public interaction during environmental review**
 - Comment periods
 - Scoping period ends February 17, 2009
 - Fall 2009 for Draft EIS
 - Public meetings for scoping and on the Draft EIS
 - Access to review results (Draft and Final EIS)
- **Hearing**
 - The deadline to file a petition is 60 days after issuance
 - Hearing covers both safety and environmental issues

Obtain information at:

<http://www.nrc.gov/reactors/new-reactors/col/comanche-peak.html>

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NRC Contacts

- Michael Willingham, Environmental Project Manager
 - 1 (800) 368-5642, extension 3924
- Stephen Monarque, Safety Project Manager
 - 1 (800) 368-5642, extension 1544
- Documents can be viewed on NRC's website at:
 - <http://www.nrc.gov/reactors/new-reactors/col/comanche-peak.htm>
 - and at the **Somervell County Library** and **Hood County Library**

Public Document Room Help Desk Phone Number: (866) 672-7640

– email at: MSHD.Resource@nrc.gov

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